



COPY OF PAPERS  
ORIGINALLY FILED

Attorney Docket No.: 02-107010US  
Client Reference No.: 0186.210US

**DECLARATION**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES** the specification of which was filed on October 29, 2001 as Application No. 10/004,357.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application(s)**

| Country | Application No. | Date of Filing | Priority Claimed Under<br>35 USC 119 |
|---------|-----------------|----------------|--------------------------------------|
|         |                 |                |                                      |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

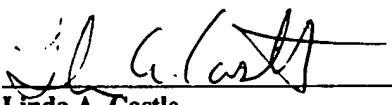
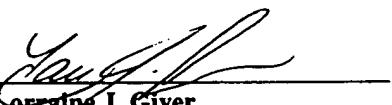
| Application No. | Filing Date      |
|-----------------|------------------|
| 60/244,385      | October 30, 2000 |

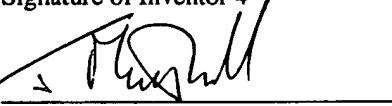
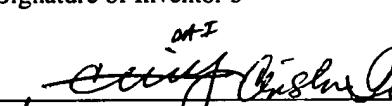
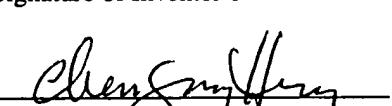
I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

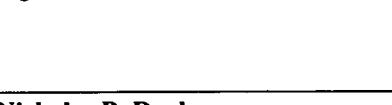
| Application No. | Date of Filing | Status |
|-----------------|----------------|--------|
|                 |                |        |

|                          |   |   |  |
|--------------------------|---|---|--|
| Full Name of Inventor 1: | Full Name:<br><b>Linda A. Castle</b>  |   |  |
| Residence & Citizenship: | City:<br><b>Mountain View</b>   | State/Foreign Country:<br><b>California</b>     | Country of Citizenship:<br><b>the United States</b>  |
| Post Office Address:     | Post Office Address:<br><b>784 Hans Avenue, Mountain View, CA 94040</b>                                   |   |  |
| Full Name of Inventor 2: | Full Name:<br><b>Dan Siehl</b>  |   |  |
| Residence & Citizenship: | City: <i>Menlow Park DFS</i><br><b>Mountain View</b>  | State/Foreign Country:<br><b>California</b>     | Country of Citizenship:<br><b>the United States</b>  |
| Post Office Address:     | Post Office Address: <i>Menlow Park DFS</i><br><b>310 Durham Street, Mountain View, CA 94025</b>          |   |  |
| Full Name of Inventor 3: | Full Name:<br><b>Lorraine J. Giver</b>  |   |  |
| Residence & Citizenship: | City:<br><b>Santa Clara</b>   | State/Foreign Country:<br><b>California</b>     | Country of Citizenship:<br><b>the United States</b>  |
| Post Office Address:     | Post Office Address:<br><b>2538 Hawkington Ct., Santa Clara, CA 95051 USA</b>                             |   |  |
| Full Name of Inventor 4: | Full Name:<br><b>Jeremy Minshull</b>  |   |  |
| Residence & Citizenship: | City:<br><b>Menlo Park</b>  | State/Foreign Country:<br><b>California</b>     | Country of Citizenship:<br><b>the United Kingdom</b> |
| Post Office Address:     | Post Office Address:<br><b>842 Hermosa Way, Menlo Park, CA 94025</b>                                      |   |  |
| Full Name of Inventor 5: | Full Name:<br><i>042</i><br><b>Christina Ivy</b>  |   |  |
| Residence & Citizenship: | City:<br><i>San Jose</i> <b>LOS ALTOS</b>   | State/Foreign Country:<br><b>California</b>     | Country of Citizenship:<br><b>the United States</b>  |
| Post Office Address:     | Post Office Address:<br><b>1349 Flora Avenue, San Jose, CA 95130 1020 LOMA PRIET CT., LOS ALTOS 94024</b> |   |  |
| Full Name of Inventor 6: | Full Name:<br><b>Yong Hong Chen</b>   |   |  |
| Residence & Citizenship: | City:<br><b>Foster City</b>   | State/Foreign Country:<br><b>California</b>     | Country of Citizenship:<br><b>China</b>              |
| Post Office Address:     | Post Office Address:<br><i>3828 Vega Circle, Foster City, CA 94404</i>                                    |   |  |
| Full Name of Inventor 7: | Full Name:<br><b>Nicholas B. Duck</b>   |   |  |
| Residence & Citizenship: | City:<br><b>Apex</b>  | State/Foreign Country:<br><b>North Carolina</b> | Country of Citizenship:<br><b>the United States</b>  |
| Post Office Address:     | Post Office Address:<br><b>1227 Tartarian Trail, Apex, NC 27502</b>                                       |   |  |

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|   |   |   |
|---|---|---|
| Signature of Inventor 1<br><br>Linda A. Castle | Signature of Inventor 2<br><br>Dan Siehl | Signature of Inventor 3<br><br>Lorraine J. Giver |
| Date 02-08-02   | Date 02-13-02<br>DPS  | Date 2/6/02   |

|  |  |   |
|--|--|---|
| Signature of Inventor 4<br><br>Jeremy Minshull | Signature of Inventor 5<br><br>Christina Ivy | Signature of Inventor 6<br><br>Yong Hong Chen |
| Date 6/2/02  | Date 2/13/02   | Date 2/11/02  |

|  |
|--|
| Signature of Inventor 7<br><br>Nicholas B. Duck |
| Date   |

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|                         |                         |                          |
|-------------------------|-------------------------|--------------------------|
| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3  |
| <u>Linda A. Castle</u>  | <u>Dan Siehl</u>        | <u>Lorraine J. Giver</u> |
| Date                    | Date                    | Date                     |

|                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| Signature of Inventor 4 | Signature of Inventor 5 | Signature of Inventor 6 |
| <u>Jeremy Minshull</u>  | <u>Christina Ivy</u>    | <u>Yong Hong Chen</u>   |
| Date                    | Date                    | Date                    |

|                               |
|-------------------------------|
| Signature of Inventor 7       |
| <u>Nicholas B. Duck</u>       |
| Date <u>February 25, 2002</u> |



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0186-210 US

(Modified) PTO/SB/81 (11-96)

Approved for use through 6/30/99. OMB 0651-0035

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT, NOT  
ACCOMPANYING APPLICATION**

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/004,357       |
| Filing Date            | October 29, 2001 |
| First Named Inventor   | Linda A. Castle  |
| Group Art Unit         | 1645             |
| Examiner Name          | Unassigned       |
| Attorney Docket Number | 02-107010US      |

I hereby appoint:

Practitioners at Customer Number

22798

Type Customer Number Here

AND

Practitioner(s) named below:

| Name                  | Registration Number |
|-----------------------|---------------------|
| Norman J. Kruse       | 35,235              |
| Sharon Fujita         | 38,459              |
| Joanne Petithory      | 42,995              |
| Margaret A. Powers    | 39,804              |
| Christopher M. Holman | 40,021              |



22798

PATENT TRADEMARK OFFICE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

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The above-mentioned Customer Number.

OR

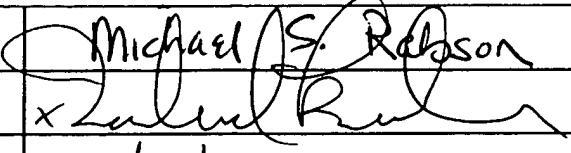
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|-------------------------|-------|-----|--|
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| Address                 |       |     |  |
| Address                 |       |     |  |
| City                    | State | Zip |  |
| Country                 |       |     |  |
| Telephone               | Fax   |     |  |

I am the

Applicant.

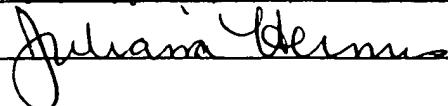
Assignee of record of the entire interest (Certificate under 37 CFR 3.73(b) is enclosed)

SIGNATURE of Applicant or Assignee of Record

|           |   |
|-----------|---|
| Name      | Michael S. Robinson   |
| Signature |  |
| Date      | 2/13/02   |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: March 15, 2002

|                       |   |      |                |
|-----------------------|---|------|----------------|
| Typed or printed name | Juliana Hermes  |      |                |
| Signature             |  | Date | March 15, 2002 |



0186.210US

PTO/SB/96 (2-98)

Approved for use through 09/30/2000. OMB 0651-0031

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: **Linda A. Castle, et al.**

Application No.: **10/004,357** Filed: **October 29, 2001**

Entitled: **NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES**

**Maxygen, Inc.**, a **corporation**

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet

[X] Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/13/02  
Date

Signature

**Michael S. Rabson**  
General Counsel  
And Senior Vice President

Title

APR 19 2002

U.S. PATENT AND TRADEMARK OFFICE

FORM PTO-1595  
(Rev. 6-93)Recordation Form Cover Sheet  
(Patents Only)U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Linda A. Castle

## 2. Name and address of receiving party(ies)

Name: Maxygen, Inc.

Internal Address:

Street Address:

515 Galveston Drive  
Redwood City, California 94063  
United States of America

Additional names and addresses attached? No

Execution Date: 02/06/2002, 02/08/2002, 02/11/2002 &  
02/13/2002

## 4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 10/004,357

B. Patent No(s):

Additional numbers attached? No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name:

QUINE INTELLECTUAL PROPERTY  
LAW GROUP, P.C.  
P.O. Box 458  
Alameda, CA 94501  
(510) 337-7871

## 6. Total number of applications and patents involved 1

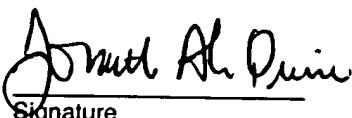
7. Total fee (37 CFR 3.41): ----- \$40.00

 Enclosed X Charge Fees to Deposit AccountX Charge any additional fees associated with this paper or during  
the pendency of this application, or credit any overpayment, to  
deposit account.

8. Deposit account number: 50-0893

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the  
original document.*Jonathan A. Quine  
Name of Person Signing  
Signature

March 15, 2002

Date

Atty Reg. No. 41,261

Total number of pages including cover sheet, attachments and document 5

10. Change Correspondence Address to that of Part 5? X Yes  No

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Box: Assignments  
Washington, D.C. 20231

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1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

**COPY**

Dan Siehl  
Lorraine J. Giver  
Jeremy Minshull  
Cristina Ivy  
Yong Hong Chen

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

# COPY

Attorney Docket No.: 02-107010US  
Client Reference No.: 0186.210US

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Linda A. Castle, of 784 Hans Avenue, Mountain View, CA 94040, Dan Siehl of 310 Durham Street, Mountain View, CA 94025, Lorraine J. Giver of 2538 Hawkington Ct., Santa Clara, CA 95051 USA, Jeremy Minshull, 842 Hermosa Way, Menlo Prk, CA 94025, Christina Ivy of 1349 Flora Avenue, San Jose CA 95130, and Yong Hong Chen of 3828 Vega Circle, Foster City, CA 94404 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES

Filing Date: October 29, 2001

Application No.: 10/004,357; and

WHEREAS, Maxygen, Inc., a Delaware corporation, located at 515 Galveston Drive, Redwood City, California 94063 United States of America, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

NOT FOR RECORDATION

# COPY

Assignment

Application No.: 10/004,357

Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: 2-8-02



Linda A. Castle

Linda A. Castle

SIGNATURE WITNESSED BY:

(1) Date: 2/8/02



Diane Giver

Signature of Witness 1

Dated: 2/13/02

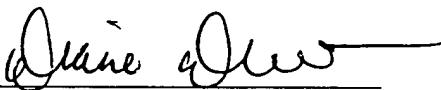


Dan Siehl

Dan Siehl

SIGNATURE WITNESSED BY:

(1) Date: 2/13/02



Diane Giver

Signature of Witness 1

Dated: 2/6/02

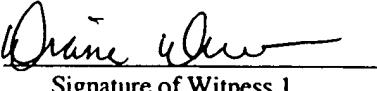


Lorraine J. Giver

Lorraine J. Giver

SIGNATURE WITNESSED BY:

(1) Date: 2/6/02



Diane Giver

Signature of Witness 1

Assignment  
Application No.: 10/004,357  
Page 3

COPY

Dated: 6 Feb 2002



Jeremy Minshull

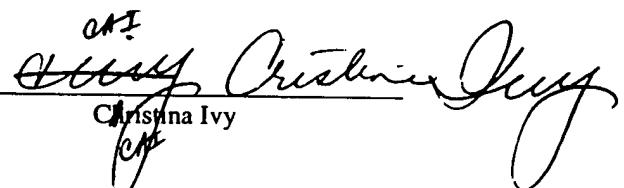
SIGNATURE WITNESSED BY:

(1) Date: 2/6/02

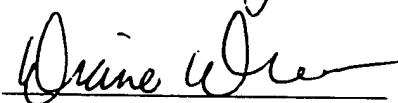


Signature of Witness 1

Dated: 2/13/02



Christina Ivy

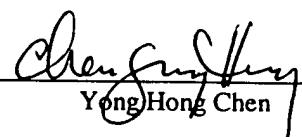


Signature of Witness 1

SIGNATURE WITNESSED BY:

(1) Date: 2/13/02

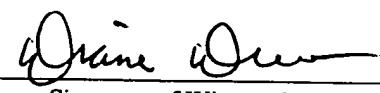
Dated: 2/11/02



YongHong Chen

SIGNATURE WITNESSED BY:

(1) Date: 2/11/02



Signature of Witness 1

|  |                        |                  |
|--|------------------------|------------------|
| <b>POWER OF ATTORNEY OR<br/>AUTHORIZATION OF AGENT, NOT<br/>ACCOMPANYING APPLICATION</b> | Application Number     | 10/004,357       |
|  | Filing Date            | October 29, 2001 |
|  | First Named Inventor   | Linda A. Castle  |
|  | Group Art Unit         | 1645             |
|  | Examiner Name          | Unassigned       |
|  | Attorney Docket Number | 02-107010US      |

I hereby appoint:

Practitioners at Customer Number

22798

Type Customer Number Here



AND

Practitioner(s) named below:

| Name                  | Registration Number |
|-----------------------|---------------------|
| Norman J. Kruse       | 35,235              |
| Sharon Fujita         | 38,459              |
| Joanne Petithory      | 42,995              |
| Margaret A. Powers    | 39,804              |
| Christopher M. Holman | 40,021              |
| Louise Foutch         | 37,133              |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

|                         |       |     |  |
|-------------------------|-------|-----|--|
| Firm or Individual Name |       |     |  |
| Address                 |       |     |  |
| Address                 |       |     |  |
| City                    | State | Zip |  |
| Country                 |       |     |  |
| Telephone               | Fax   |     |  |

I am the

Applicant.

An assignee of an undivided part interest (Certificate under 37 CFR 3.73(b) is enclosed)

SIGNATURE of Applicant or Assignee of Record

|           |   |  |  |
|-----------|---|--|--|
| Name      | Herbert H. Jervis, Vice President and Chief Intellectual Property Counsel |  |  |
| Signature |   |  |  |
| Date      | 2/17/02   |  |  |

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: March 15, 2002

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|-----------------------|----------------|------|----------------|
| Typed or printed name | Juliana Hermes |      |                |
| Signature             |                | Date | March 15, 2002 |



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Approved for use through 09/30/2000. OMB 0651-0031  
PTO/SB/96 (2-98)

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: Linda A. Castle, et al.

Application No.: 10/004,357 Filed: October 29, 2001

Entitled: NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES

Pioneer Hi-Bred International, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/7/02  
Date

  
Signature

Herbert H. Jervis  
Typed or printed name

Vice President and Chief Intellectual  
Title Property Counsel



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RECORDATION DATE: 09/10/2001

REEL/FRAME: 012149/0868

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUCK, NICHOLAS B.

DOC DATE: 07/30/2001

ASSIGNEE:

PIONEER HI-BRED INTERNATIONAL,  
INC.  
800 CAPITAL SQUARE  
400 LOCUST STREET  
DES MOINES, IOWA 50309

SERIAL NUMBER: 60244385

FILING DATE: 10/30/2000

PATENT NUMBER:

ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

09-14-2001



Attorney Docket No. 02-107000US

FORM PTO-1595  
(Rev. 6-93)

101843011

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

|   |  |   |
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| 1. Name of conveying party(ies):<br><br>Nicholas B. Duck <i>9/10/01</i>   |  | 2. Name and address of receiving party(ies)<br><br>Name: Pioneer Hi-Bred International, Inc.<br><br>Internal Address:<br><br>Street Address:<br><br>800 Capital Square<br>400 Locust Street<br>Des Moines, Iowa 50309 |
| 3. Nature of conveyance:<br><br><input checked="" type="checkbox"/> Assignment      Merger<br><br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><br><input type="checkbox"/> Other:<br><br>Execution Date: July 30, 2001 |  | Additional names and addresses attached? No<br><br><i>RECEIVED<br/>SEP 10 2001</i>  |

## 4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 60/244,385      B. Patent No(s):  
Additional numbers attached? No

|   |   |
|---|---|
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name:<br><br>Law Offices of Jonathan Alan Quine<br>P.O. Box 458<br>Alameda, CA 94501<br>(510) 337-7871 | 6. Total number of applications and patents involved 1<br><br>7. Total fee (37 CFR 3.41): ----- \$40.00<br><br><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge Fees to Deposit Account<br><br>X Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.<br><br>8. Deposit account number: 50-0893 |
|---|---|

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Jonathan A. Quine  
Name of Person Signing

  
Signature

September 6, 2001

Date

Atty Reg. No. 41,261

Total number of pages including cover sheet, attachments and document 2

10. Change Correspondence Address to that of Part 5?  Yes  No

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9/13/2001 GTOH11 00000321 500893 60244385

1 FCS81 40.00 CH

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC.

800 Capital Square

400 Locust Street

Des Moines, Iowa 50309

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "**NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES**"

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on July 30, 2001
- Serial No. 60/244,385 filed October 20, 2000

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications, Letters Patent.

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TO THE U.S. PATENT & TRADEMARK OFFICE  
Please stamp the date of receipt of the following document(s) and return this card to us.

RE: Response to Missing Parts for NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES

**TITLE OF DOCUMENT(S):**

- Transmittal/Fee Transmittal
- Cover Letter
- Declaration (4 pages)
- Certificates of Assignee Under 37 C.F.R. § 3.73(b) ~~and 10~~ <sup>10</sup> Copies of Assignments
- Powers of Attorney
- Copy of Notice to File Missing Parts

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Application No. 10/004,357

File No. 02-107010US

Date Due February 28, 2002

Date Mailed March 15, 2002

Atty/Secty. JAQ/jh

APR 01 2002

Quine Intellectual Property Law Group, P.C.

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